



```

chain nodes :
  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 17 19 26 31 32 33 34 35 36 37 40
 41 42
ring nodes :
 24 25 27 28 29 30
chain bonds :
  1-2  1-24  2-3  3-4  3-9  3-13  4-5  4-14  4-17  5-6  6-7  7-8  8-40  8-41  8-42  9-10  9-15
 10-11 10-12 11-19 19-35 19-36 19-37 25-26 28-31 29-34 30-33 31-32
ring bonds :
 24-25 24-27 25-30 27-28 28-29 29-30
exact/norm bonds :
  1-24  3-9  4-17  5-6  8-40  8-41  8-42  9-10  9-15 10-12 19-35 19-36 19-37 24-25 24-27
 25-26 25-30 27-28 28-29 29-30 29-34 30-33 31-32
exact bonds :
  1-2  2-3  3-4  3-13  4-5  4-14  6-7  7-8 10-11 11-19 28-31

```

G1:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,H

G2:OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,H

G3:H,O,S,N,P,Si,Cl,Br,F,I

```

Match level :
 1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 17:CLASS 19:CLASS 24:Atom 25:Atom
26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS
36:CLASS 37:CLASS 40:CLASS 41:CLASS 42:CLASS

```